

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims

1. (Canceled)

2. (Canceled)

3. (Currently Amended) A method for detecting whether or not a hydroxyl group in sugar is protected, which comprises reacting the sugar having a hydroxyl group or hydroxyl group protected by a Z-CH<sub>2</sub>-CO- chloroacetyl group, wherein Z represents a halogen or -O-SO<sub>2</sub>-R, in which R represents an aliphatic or aromatic hydrocarbon group, which is immobilized to a solid phase, with a compound represented by the formula X-Y wherein X represents a residue of an azo-dye compound, and Y represents a group capable of reacting with the hydroxyl group in the —sugar N-[2-[(4,6-dichloro-1,3,5-triazin-2-yl)oxy]ethyl]-N-ethyl-4-[(4-nitrophenyl)azo]-benzeneamine; ~~and/or~~ and reacting the sugar with (p-nitrobenzyl)pyridine under basic conditions.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Currently Amended) A method for monitoring the progress of a synthesis reaction of a sugar chain in the method of synthesizing a sugar chain by reacting first sugar having a hydroxyl group which is immobilized to a solid phase, with second sugar having a reactive group

reacting with the hydroxyl group and a protected hydroxyl group, wherein the protecting group of the hydroxyl group is a  $Z-CH_2-CO-$  chloroacetyl group, wherein Z represents a halogen or  $O-SO_2-R$ , in which R represents an aliphatic or aromatic hydrocarbon group, and the presence of a hydroxyl group or a protected hydroxyl group in sugar which is immobilized to a solid phase is detected by the reaction of the sugar with a compound represented by the formula  $X-Y$  wherein X represents a residue of an azo dye compound, and Y represents a group capable of reacting with the hydroxyl group in sugar  $N-[2-[(4,6-dichloro-1,3,5-triazin-2-yl)oxy]ethyl]-N-ethyl-4[(4-nitrophenyl)azo]-benzeneamine$ , or and (p-nitrobenzyl)pyridine.